

## EB100

### 1/3" B/W 420TVL Sony CCD Camera

#### Features

- Low light sensitivity (0.04 lux/F=1.2)(AGC Off) is achieved by using the advanced 1/3" Sony CCD image sensor
- The electronic shutter and AGC allow the camera to be used in environments with varying light levels
- Built-in audio function
- Small size: 32 x 32 x 32mm
- Available for CCIR and EIA
- Shipped completely assembled, easy camera position adjustments



B/W  
NA/CCIR

EB  
1/3" CCD

BLC  
ON

AGC  
ON

DC  
VCC

420  
TVL

Indoor

#### Specification

Video format	EIA or CCIR
Picture element	EIA: 610(H) x 482(V)
Horizontal resolution	420 TV lines
Sensitivity	0.04 lux / F=1.2
S/N ratio	48 dB
Electronic shutter	1/60(1/50) ~ 1/100,000 Sec.
Back light comp.	Yes
Auto gain control	Yes
Sync. mode	Internal Sync.
Gamma correction	>0.45
Power source	12VDC $\pm$ 10%, 150mA
Dimension	32(W) x 32(H) x 32(D) mm
Operating temperature	0 °C ~ +50°C, 20~80%RH
Weight	30g
Lens	Board lens f=3.6mm, F=2.0 (Optional: 2.5/3.6/5.0/8.0/12.0/16.0mm Pinhole 3.15/5mm)

\* Further lenses see table page 69

#### Ordering Information

- **EB100E-3:** B/W board camera with standard 3.6mm lens.  
To order additional lenses, replace the last number with the first digit(s) of the lens desired: 2.5mm(E-2), 4.3mm(E-4), 6.0mm(E-6), 8.0mm(E-8), 12.0mm(E-12) and 16.0mm(E-16)
- **EB100E-3P:** B/W board camera with standard 3.7mm pinhole lens. For 5.5mm lens use E-5P